



- ✦ Type 1 N/PE surge protector
- ✦ I_{imp} : 50 kA (10/350 μ s)
- ✦ I_{max} : 140 kA (8/20 μ s)
- ✦ Compatible with DS250 and DS150 series
- ✦ IEC 61643-11 compliance



Electrical Characteristics		
SPD type	IEC	N/PE
Network		230/400 V
Max. AC operating voltage	Uc	255 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT	335 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT	440 Vac withstand
Temporary Over Voltage N/PE (TOV HT) Without disconnection or with safety disconnection	UT	1200 V/300A/200 ms withstand
Residual Current		
Leakage current to Ground	Ipe	None
Follow current interrupting capability	Ifi	> 100 A
Nominal discharge current 15 x 8/20 μ s impulses	In	70 kA
Max. discharge current max. withstand @ 8/20 μ s by pole	I _{max}	140 kA
Impulse current by pole max. withstand 10/350 μ s by pole	I _{imp}	50 kA
Protection level N/PE @ In (8/20 μ s) and @ 6 kV (1,2/50 μ s)	Up N/PE	1.5 kV
Mechanical Characteristics		
Connection to Network		By screw terminals: 6-35mm ² / by bus
Format		Monobloc modular box
Mounting		Symmetrical rail 35 mm (EN 60715)
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Dimensions		See diagram
Weight		0.203 kg
Standards		
Standards compliance		IEC 61643-11 / EN 61643-11
Certification		UL
Part number		
1646		